

FOLIO

UNIVERSITY OF ALBERTA
15 APRIL 1994



INSIDE

- Albert Cook is new Dean of Rehab Medicine
- KPMG Consulting, Art and Design have a good thing going
- New laser will revolutionize surgery

John Ferguson named new Board Chair

By Folio staff

John Ferguson, President of Princeton Developments Ltd, U of A alumnus and long-time friend of the University, is the new Chair of the Board of Governors.

The Alberta Cabinet approved the appointment and the Lieutenant Governor, Gordon Towers, gave Royal Assent on 13 April.

"John Ferguson is, quite simply, an ideal choice for Chair of our Board of Governors," said President Paul Davenport. "He has a long-standing commitment to higher education in our province, and his belief in scholar-

"I am looking forward to working together with the entire community, both on campus and off, to enhance the service the University provides through excellent teaching and outstanding research."

John Ferguson

ship, selectivity, and accountability is right in step with our strategic plan, *Degrees of Freedom*. He will be a strong supporter of excellence in teaching and research, and an outstanding spokesman for the University of Alberta as we face up to our budgetary and academic challenges in the years ahead."

Sandy Mactaggart, the out-going Chair, concurred, saying, "I applaud the decision of the provincial government to select John

Ferguson as Chair of the Board of Governors of the University of Alberta.

"His sensitive integrity and proven ability have earned him respect and leadership in the community of Edmonton and in the business of the nation. The University will find that John Ferguson is a man who takes the time to listen before acting wisely. Our community should be grateful that a man of such demonstrated competence has committed himself to lead us into the challenges and opportunities of the future."

"Sandy Mactaggart has set an excellent example as Interim Board Chair. We all owe him a debt of gratitude for this leadership," Ferguson said after his chairmanship was announced. "I am honoured to be asked to chair the Board of Governors of such a distinguished university. The Board team consists of dedicated, committed people."

Ferguson outlined his priorities as Chair. "My first priority is to meet with the members of the Board and with campus leaders, including the President, the Vice-Presidents, members of Deans' Council, and the executives of the students' and staff associations. My top priority is to ensure we hire an outstanding president."

"I am looking forward to working together with the entire community, both on campus and off, to enhance the service the University provides through excellent teaching and outstanding research."

The Edmonton-born Ferguson has ties to the University that go back more than 30



John Ferguson

years. He came to the U of A from Victoria Composite High School in 1960 and earned his Bachelor of Commerce degree in 1964.

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City aldermen tour campus

Environmental research draws keen interest

By Tony Myers

Aldermen Patricia Mackenzie and Lillian Staroszik did a whirlwind tour of campus on 7 April, reviewing public transportation, discussing environmental research and learning more about the University's waste management program.

The visit was to have been part of the mayor's annual tour to Edmonton's Ward 5, but Mayor Jan Reimer was called away at the last minute to a Northlands meeting.

The highlight of the tour for Mackenzie and Staroszik was the visit to the Newton Research Building. Dan Smith and Chris Zeiss and their students from Civil Engineering are involved in a number of experiments which may help the city overcome some of its waste management problems.

The researchers received a number of questions from both aldermen about enhancing landfill biodegradation, material separation and some research being done on the siting of waste facilities.

Waste management was also on the aldermen's agenda. Kevin Moodie of Building

Services told the visitors that the U of A's paper recycling program which began in 1972 collects an average of 145,000 pounds of paper a month and nets the University about \$70,000 in benefits every year.

Waste management programs are also in effect to handle wood, batteries, scrap metal, oil, plastics, cardboard and numerous other research and experimental wastes.

Moodie applauded the initiative and leadership shown by students in their recycling efforts in the Students' Union Building.

Student Corrie Davis was on hand to meet the two aldermen when they arrived at the LRT station. He provided them with feed-



Alderman Patricia Mackenzie



Alderman Lillian Staroszik

back on LRT and bus links to the University and presented them with Safewalk T-shirts.

John McDonald, Vice-President (Academic), welcomed the city officials to campus and hosted them throughout the tour.

Building Services offers alternative hours

By Folio staff

Building Services has responded to concerns that the work schedule changes announced on 4 March presented difficulties for part-time custodial staff.

Schedules for part-time staff were changed to 11 pm to 3 am from 7 pm to 11 pm. The new hours raised safety concerns for the largely female staff who would be leaving the workplace at 3 in the morning. Those who rely on public transportation were worried about getting home from work. Buses do not run between 1:30 and 5:30 am.

When Building Services learned about these concerns, it developed an alternative that would see part-time staff work from 11 pm to 7 am, the same hours as full-time staff, but only three days one week, two days the next. All 129 part-time workers were offered the new option; 38 accepted. The alternative will mean a loss of 7.5 hours over six weeks. Those choosing it may apply for an extra shift to make up the lost hours.

The new hours sparked a number of complaints to the Office of Human Rights that focused on gender. Because 120 of the 129 part-time workers are women, some people saw the change in work hours as contradictory to the University's employment equity policies as outlined in *Opening Doors*. There was concern the new hours might force some women to quit their jobs at a time when the University is trying to create a more favourable environment for female workers.

But the changes in work schedules were not intended to affect women specifically. The University is being used more at night. If classrooms and common areas are to remain clean for the next day, cleaning must be done after students and all other staff have gone home.

Kevin Moodie, Associate Director, Building Services, said other options were considered, such as looking at how individual buildings are used and developing a schedule for those that were not used at night. This would have kept more people on afternoon shifts.

"Our proposal is a reaction to budget reductions," said Moodie. "We don't have enough supervisory staff to accommodate earlier shifts. We would have to bring in additional supervisory staff." Building Services, a division of Physical Plant, delivered layoff notices to four building superintendents and 17 supervisors. Physical Plant cut the positions to accommodate a 15 percent budget cut over three years.

"We sensed there was some movement to accept it [the new hours]," said Moodie. He noted that workers were considering car pooling and other options to accommodate the new hours. "I'm not aware of any resignations," he said.

Fran Trehearne, Director, Office of Human Rights, noted that some of the workers who

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Board Chair reports on Presidential Search Committee activities

By Folio staff

The Presidential Search Committee has reviewed applications and nominations and had initial discussions about the presidential candidate list prepared by the consultant.

The cutoff date for submitting applications and nominations was 31 March.

The committee held two regular meetings during the past few weeks. Discussion centred on how the consultant would operate on the committee's behalf, Interim Board Chair Sandy Mactaggart reported at the last Board of Governors meeting, 8 April.

Mactaggart said the list has been reduced to about 20 candidates. Over the next month,

that list will be reduced to six or so names, he said, and a recommendation will hopefully come before the Board in June.

The committee finalized the challenges and opportunities document, which will be used as the committee's recruitment document. The committee also responded to the Chair's draft paper outlining the qualities of a president.

In addition, the committee held a weekend series of meetings in mid-March to discuss matters with a number of on- and off-campus people. It also convened a late afternoon/early evening public meeting to solicit opinions from the general public.

Everyone invited to spend an evening with the Chancellor

The University of Alberta Senate is inviting everyone to spend an evening with the Chancellor. The event will be held in Convocation Hall, Friday, 29 April.

"This will be one of the last chances for people to hear Chancellor Sandy Mactaggart speak publicly," says organizer and Senate member Betty-Anne Pearson.

The Chancellor is expected to speak on education and the role of the University. His address will begin at 7:30; a reception will be held from 8:30 to 11. Cost is \$75 per person. Proceeds will be used to support the Senate Special Projects Fund.

CURRENTS

Tropical plant sale

A tropical plant sale will be held at the University of Alberta Hospitals Greenhouse (drive-way north of Red Cross, 84 Avenue and 114 Street), 18 to 22 April and 25 to 29 April. Hours: 10 am to 4 pm. Medium to large-sized plants will be on sale. Proceeds will be used to enhance patient care.

Retirement of Ollie Frost

The Department of Computing Science will be holding an informal evening buffet on the occasion of the retirement of Ollie Frost. The buffet will be held on Wednesday, 11 May, in the Saskatchewan Room of the Faculty Club. Cocktails at 6:30 pm, buffet at 7. The cost will be \$13 per person with tickets available from Britta in 615 GSB until 6 May. Everyone is welcome to attend. Gift donations would be appreciated.

Faculty research carrells, 1994-95

Application forms and guidelines are now available for faculty research carrells for the 1994-95 academic year. The contact person for Cameron Library is Margo Young, 1-20 Cameron, telephone 492-7918; the contact person for Rutherford Library is Bev Cormack, 2-102 Rutherford North, telephone 492-1411.

American Sign Language for Beginners

Introductory level 1a - Conversational Sign Language (noncredit) - will be offered on campus from 26 April to 31 May. Time: Tuesday and Thursday evenings from 6:30 to 9:30 pm. Place: Education Building. Fee: \$100, payable to "University of Alberta" upon registration (nonrefundable). Text: (not essential) *A Basic Course in American Sign Language*. Available at the U of A Bookstore. Register at: Office of Services for Students with Disabilities, 300 Athabasca Hall (492-3381).

Pollution control course

A one-day course on technical, regulatory and legal questions regarding air and water pollution and hazardous wastes has been organized by CIC Edmonton. Topics include: assessment of risk, setting of standards and limits, and minimization of hazardous wastes. University of Alberta and Alberta Environmental Protection staff will lecture. The course will take place 19 May, 8:30 am to 5 pm, at King's College, 9125 50 Street. Fee: CIC members: \$100 (advance registration), \$115 after 10 May; CIC nonmembers, \$150 (advance registration), \$170 after 10 May; students: \$40 (advance registration), \$45 after 10 May. Call M Selucky at 492-7962 for further information.

New Board Chair

Continued from page 1

The middle of his three sons is a Business student here.

Ferguson chairs the Business Advisory Council of the Faculty of Business and sat on the visiting committee for the Faculty of Arts. His company, Princeton Developments Ltd, funds a lecture series that brings world-renowned financiers to campus to address students and business people on global competitiveness.

He is also Chair and CEO of Bellanca Developments Ltd of Yellowknife, a Princeton subsidiary. Bellanca founded the Northern Youth Education Initiative to help northern

students successfully complete their U of A education. The Initiative provides support and counselling to help the students overcome the significant social and cultural differences between their northern homes and campus life in a southern urban community. Bellanca has won the Excellence in Business-Education Partnerships award from the Conference Board of Canada for its leadership.

A community leader dedicated to recognizing and promoting excellence, Ferguson was a founding member of the Board of Trustees for the Ernest C Manning Awards. He is a board member of Ridley College, was a director of the Family Service Association of Edmonton, and has served the United Way in a number of leadership positions. He holds a number of active community memberships.

Ferguson is perhaps best known in Edmonton as President, CEO and a director of

Princeton Developments Ltd, which he founded in 1975. The company has become a major Canadian commercial real estate development company and is internationally renowned for cold climate property development. The twin towers of Petroleum Plaza in downtown Edmonton were the company's first development.

In addition to Princeton and Bellanca, Ferguson counts some of the most prestigious names in business among his current and former board memberships: the Royal Bank of Canada, the TransAlta Utilities Corporation, the Canadian Chamber of Commerce, the Conference Board of Canada, the Swiss Bank Corporation (Canada) and Southam Inc. He has been a member of the Institute of Chartered Accountants of Alberta since 1967.

Ferguson's three-year term of office begins 5 May.

Student Financial Aid Centre still open

Reports of the closure of the Student Financial Aid and Information Centre have been greatly exaggerated.

"Contrary to information you may have received, the Student Financial Aid and Information Centre is not closing," Dean of Students Jim Newton recently advised Deans, Directors and Department Chairs.

Changes were made to the SFAIC due to the budget reductions incurred by Student Services and, effective 1 April, resulted in a reduction of staff in the SFAIC office, Dr Newton stated in a memo.

"Various reassignments and improved efficiency will permit the same services to be

performed by other individuals within Student Services. These services," Dr Newton stated, "continue to include: Government Student Loan Assistance and Budget Planning, Emergency Student Loans, Financial Need Bursaries, and Financial Need Student Employment Program."

The Centre, which is located at 302G SUB, reports directly to the Dean of Students and continues to be a joint venture of University of Alberta Student Services and the Students' Union.

Last year, the Centre responded to some 18,000 student calls and enquiries.

University departments helping immigrants integrate

By Michael Robb

Several University departments are working cooperatively with the federal government and a local training agency to help recent immigrants integrate into Canadian society.

Serving as "training place hosts," the departments give recent immigrants much needed work experience. The students are all on unemployment insurance.

"It's extremely worthwhile in helping people gain some skills in order to get into the Canadian labour market," says Jiang Liu, Director of the Student Financial Aid and Information Centre. The Centre has trained several immigrants for six- to eight-week periods.

One person who worked for the Student Financial Aid Centre used to work for the Hong Kong Government. "We gave him a manual and he set up a comprehensive database for us," says Liu. In fact, many new immigrants are eager to contribute to Canadian society, she adds.

Funded by the federal government's job strategies program, Campbell and Associates trains immigrants in mathematics, job search skills, office procedures, English, life skills and computer skills. They're then placed with about 300 participating employers in the city.

The work placements give the students an opportunity to practice their newly learned

skills, Campbell and Associates Placement Coordinator Sharon Mendes explains. "Not only did our students have the opportunity to learn and practice new clerical-computer skills, both Ying Wa Cheung and Marina Leyderman gained a great deal of confidence and positive attitudes about being accepted into the Canadian work force."

Some students have found long-term employment on campus, says Campbell, pointing out that Housing and Food Services, Cameron Library, the Department of Secondary Education, Education's Undergraduate Student Services and Temporary Staff Services have participated in the program.

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Folio's mandate is to serve as a credible news source for internal audiences by communicating accurate and timely information about issues, programs, people and events.

DEADLINES:

Notice of coming events: 9 am three weeks in advance of event. Classified advertisements: 3 pm one week before desired publication date. This date also serves as the deadline for cancellation of advertisements.

Advertisements cost 40 cents per word with no discount for subsequent insertions. There is a limit of 40 words and a minimum charge of \$2.00. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

Display advertisements: 3 pm Friday, seven days before desired publication date. Camera-ready artwork is required to size, complete with halftones if necessary. Call 492-0436 for sizes, rates and other particulars.

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University
of
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New Dean of Rehabilitation Medicine has strong links with Glenrose

Collaboration will be increasingly important, says Albert Cook

By Michael Robb

Universities are obligated to acquaint the public with the outcomes of research and clinical practice, says the newly appointed Dean of the Faculty of Rehabilitation Medicine.

"It's not only a financial issue," says Albert Cook, a Professor of Biomedical Engineering with the Assistive Device Centre at California State University.

"I also think it's important that people in Alberta are aware of the long-term and short-term implications of research carried out," says Dr Cook, who, on 15 August, will assume the leadership of one of this University's most prestigious and successful Faculties.

"In some cases, we know basic information. The difficulty is in understanding how to apply that information. In other cases, we lack fundamental information to even pose the questions. And in other cases, we may be applying research clinically, but we haven't yet evaluated its effectiveness." But, Dr Cook emphasizes, without basic studies to discover new knowledge, there will be no clinical information to apply or clinical outcomes to measure.

"We need to work in all those areas," he says, acknowledging that although he doesn't know the precise mix of research activity going on in the Faculty, he is aware that research

activity is occurring in all of the aforementioned areas. The Faculty is recognized across Canada and internationally.

The new Dean says he's honoured to be a part of such an outstanding Faculty. "It also humbles me, knowing that there's been a tremendous amount of work done to build the Faculty. That's an important tradition to continue. Providing outstanding leadership is a challenge I don't take lightly."

Dr Cook's research has focused on developing assistive devices for the disabled; motor learning and training for persons with severe disabilities; voice synthesis for augmentative communication; developing medical instrumentation; use of robotic systems by young disabled children; and video imaging of movements in persons with disabilities. He's very much an interdisciplinarian – and sees a mandate for that kind of activity at the University of Alberta.

As a teacher, he's developed a curriculum at Cal State in biomedical engineering and developed and taught graduate and undergraduate courses in biomedical, electronic and rehabilitation engineering.

In the clinical setting, Dr Cook has worked with interdisciplinary teams, assessing the effectiveness of technology used by the disabled, developing training programs for clients to use technological devices and developing assistive devices and software for client use.

A lot of that clinical work has been conducted right here in Edmonton, at the Glenrose Rehabilitation Hospital. He plans on continuing that close association. "That has been a very productive collaboration.

"My career has revolved around rehabilitation and people with disabilities. I've worked with speech pathologists, occupational thera-

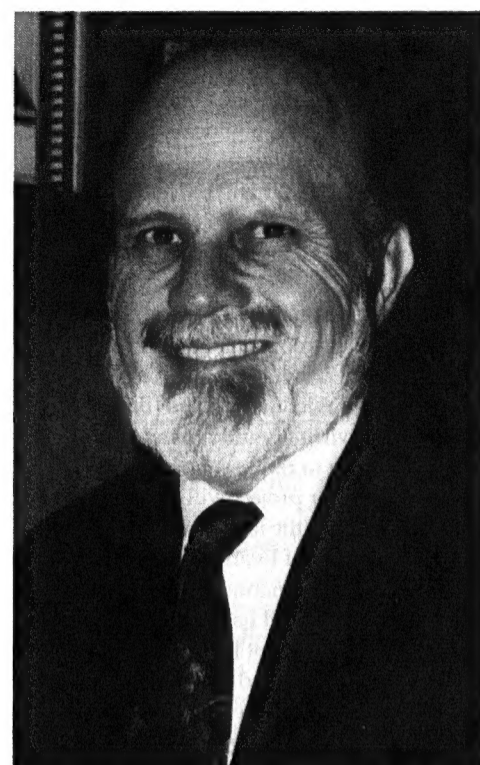
pists and physical therapists, and I'm very interested in seeing those specialists work together. This [job] gives me an opportunity to continue that effort."

Dr Cook earned his BS (EE) at the University of Colorado in 1966, his MS (Bioengineering) from the University of Wyoming in 1968 and his PhD from the same university in 1970. Shortly after that, he went to work for Cal State. He earned that institution's faculty research award in 1975 and, in 1984, he earned the ASEE outstanding biomedical engineering educator award. He and his wife have three children; their oldest son has a cognitive disability and is unable to speak. (That's one reason Dr Cook got into the field.)

The new Dean is no stranger to fiscal constraints. "We've faced that in California for a number of years now. It's upsetting when cutbacks occur, but I believe the challenges to deal creatively with them are exciting. There's lots of ways to deal constructively with changes."

He's pretty clear about his new academic home's strengths – good students, excellent facilities, outstanding undergraduate and master's programs, excellent faculty and a good reputation. "The only real vulnerability is that it is a small Faculty within a large University. When resources contract, there are fewer options for smaller Faculties. That's another reason that collaboration is not only desirable but essential," he says, pointing out the emphasis on collaboration in the University's strategic planning document.

Asked about fundraising, Dr Cook says of course it's an important activity. But alumni organizations don't exist solely for fundraising. There are many reasons to stay in touch, one of them being continuing educa-



Rehabilitation Medicine Dean Albert Cook

tion. "There is a growing recognition by alumni that provincial resources are declining and that there is a need to contribute to the institution that gave them their career.

"The key to effective community interaction – which generally leads to fundraising – is to establish relationships with various constituencies: employers, former students, industry and professional societies." Fundraising is only part of those relationships; collaboration in research and in dissemination of information are two other aspects.

BOARD OF GOVERNORS BRIEFS

Budget principles passed

The Board of Governors, at its regular meeting 8 April, approved a document outlining the principles and process which will be used to prepare the University's 1994-95 operating budget.

SU, GSA will respond to white paper

The Students' Union and Graduate Students' Association are preparing responses to the recently released draft white paper. The deadline for submitting responses to the white paper, produced by Advanced Education and Career Development, is 11 May.

Dental insurance for grad students approved

The Board's Finance Committee recommended to the Board that the Registrar's Office be authorized to collect premiums of \$110.48 for dental insurance. The insurance will cover fulltime graduate students, effective 1 September 1994. The plan was ratified by graduate students in a referendum last month.

Code of Student behaviour revised

The Board approved a number of changes to the Code of Student Behaviour. The changes serve to redefine advocacy, judiciary and mediatory roles in the students discipline/appeals process; clarify certain sections; and remove parking violations.

Appointments

The Board received for information the appointment of three department chairs: Sherman Riemenschneider, Department of Mathematics; Philip Raworth, Department of Marketing and Economic Analysis; and Sieghard Wanke, Department of Chemical Engineering. Each appointment is for the period 1 July 1994 to 30 June 1999.

KPMG Management Consulting, Art and Design benefit each other

Students receive scholarships, company gets admirable art

By Michael Robb

Two years ago, Don Teatro, a representative from KPMG Management Consulting, phoned the Department of Art and Design on the eve of the company's open house and said, "We've got nothing on the walls of our new offices. Can we have some artwork?"

It was to be the beginning of a mutually beneficial relationship.

More than 25 prints by faculty and students enlivened that May '92 open house. Six months later, the company and the department decided to formalize the still tentative relationship.

"So we entered into a written agreement," explains Art and Design Chair Desmond Rochfort. Essentially, in exchange for artwork, the company agreed to offer three student awards annually, one worth \$1,000 and two worth \$500. "They get our prints, our students get awards, and everyone benefits," says Dr Rochfort.

Late last month, a company representative, Jan Kennedy, came to FAB Gallery to help choose the first recipients of the awards. Once a year, the department hosts an exhibition of the best prints created by students in the Printmaking Division.

Now, annually, the company can choose new work from the department's inventory of



Art and Design Professor Liz Ingram, right, shows KPMG Management Consulting representative Jan Kennedy around the Senior Printmaking Students' Exhibition.

prints to grace the company's walls and return those prints it no longer wants.

According to company spokesperson Al Jacobson, the arrangement is a good way for the company to support the University's work. It is really a partnership and outreach

effort, he said, adding that next year the company wants to enhance the agreement.

The fact the company hangs the original artwork on its walls is also a topic of discussion with the company's clients, Jacobson pointed out.

McCalla Professors have books on their agendas

By Folio staff

Patricia Demers and Fred Radford, both from the Department of English, Patricia Prestwich (History) and Francis Landy (Religious Studies) have each been appointed a 1993-94 McCalla Professor.

Dr Demers intends to complete a book-length study of British educational reformer, abolitionist, and religious activist Hannah More (1745-1833). "It will be the first systematic close reading of all More's works: her plays, poetry, tracts, essays, novel, biblical exegesis, and letters," Dr Demers says.

Hailed as a "national oracle," More was one of the age's most talk-about literary figures. However, the "pet of Dr Johnson, protégée of David Garrick and 'Britomart of Mendip'" is virtually unknown today.

In "aiming to redress the balance," Dr Demers says her project will allow one woman's work to be "the lens through which such topics as the age of Evangelicalism, Jacobinism, and the reform in manners can be focused.

"The determined hand and candid opinions of her manuscript letters – scattered in the British Library, the Bodleian, the Bristol Record Office, the Folger Shakespeare Library, and the Huntington Library – show her remarkable energy and commitment to people and causes."

Deft casting in the stream of consciousness

Dr Radford will "continue and complete a large study of the works of James Joyce in relation to Irish history and politics."

A point of departure, he says, is the celebrated assertion in *Ulysses*: "History is a nightmare from which I am trying to awake."

"This," Dr Radford points out, "has become a familiar slogan in studies of Modernism, but *Ulysses* also provides a neglected counter-statement: 'Nightmare from which you will never awaken.'

"In the space between these remarks lies a wealth of significance that reveals the books of this master of experimental writing to be deeply involved with the questions of cultural ambiguity in a society in search of identity, issues of deep interest to my Canadian sensibility."

Dr Radford says he expects to show that much of Joyce's experimentalism, which was long held to be exceedingly apolitical, is "precisely devoted to finding new and more comprehensive ways of expressing the layering of history and politics in the popular mind and the ways in which these embedded texts influence public consciousness and action."

The beginnings of psychiatry in France

In *Too Many Locks, Too Many Keys: A Parisian Psychiatric Hospital, 1867-1914*, Dr Prestwich will offer a detailed study of the ways in which people have been labelled as insane, the nature and extent of the control exercised by psychiatrists, and the opportunities for treatment.

Sainte-Anne, the psychiatric hospital she is researching, was built in 1867 as the first of a series of modern asylums in the Paris region

and was the teaching hospital for the Faculty of Medicine.

"Its history coincides with the rapid expansion of asylums and, consequently, of the psychiatric profession in France," Dr Prestwich says. "Sainte-Anne provides a good example of how the nineteenth century asylum failed to fulfil its original purpose and how, as a result, psychiatric power was more limited than has previously been suggested."

Rather than restricting the book to the study of a medical institution and its professional members, Dr Prestwich will "explore how ordinary Parisians, both women and men, coped with mental incapacity, when and why they turned to the asylum, and how they defined treatment."

"The extensive archival material at Sainte-Anne reveals the suffering that so often accompanied internment, but it also suggests that – contrary to current theories of social control – families and even patients were knowledgeable about available services and that their demands for treatment played an important role in shaping the institution."

Isaiah, Poetry and Death

Dr Landy's McCalla Professorship project is a book on Isaiah, provisionally titled *Isaiah, Poetry and Death*. "The object of the book," he says, "is to explore a constellation of motifs in Isaiah: incomprehensibility, death, childhood and beauty; and to relate this constellation both to the problems of poetic texture in the book and to the dilemmas of the voice split

between human and divine origin, between extinction and celebration."

The book, to be published by Cambridge University Press, will consist of nine chapters, from an introduction that will consider the relation between poetry, death and ecstasy, in the context not only of the Bible, but of modern poetry, especially Rilke and Celan, to a reading of the various sections and genres of the book, to the problem of articulating a vision that cannot be accommodated in traditional language, and hence to the uneasy status of poetry.

"Across the threshold of annihilation, however, there is a Messianic vision, a new age characterized by child language and political and poetic nostalgia, which will provide the ultimate horizon of the book," Dr Landy says.

Print study collection being moved to Fine Arts Building Accessibility enhanced

Proceeds from the Fine Arts Building Gallery show "Lasting Impressions 1994" will be used to assist and support the relocation of the University's celebrated print study collection.

The move to FAB Gallery is expected to improve access to the collection by staff and students, the Department of Art and Design and other educational institutions.

The print study collection, which contains works by Rembrandt, Goya and Dürer, is now part of the University central collection of art, curated and cared for by the Department of Museums and Collections Services.

Six specially presented portfolios, containing the prints in the exhibition, will be for sale. Priced at \$1,500, each portfolio contains 19 works in etching, relief, lithography and silk screen. In addition, a limited number of individual prints from the present edition, as well as from past portfolios, will be offered for sale at \$250 each. Artists involved have donated materials and time needed for the production of these portfolios.

"Lasting Impressions" is on at FAB Gallery until 17 April.

Investment in a University of Alberta invention pays off

New laser technology now ready for research use

By Nancy Shorter and Judy Goldsand

Cancer researchers in Edmonton have a new high-tech laser to test innovative approaches to prostate surgery.

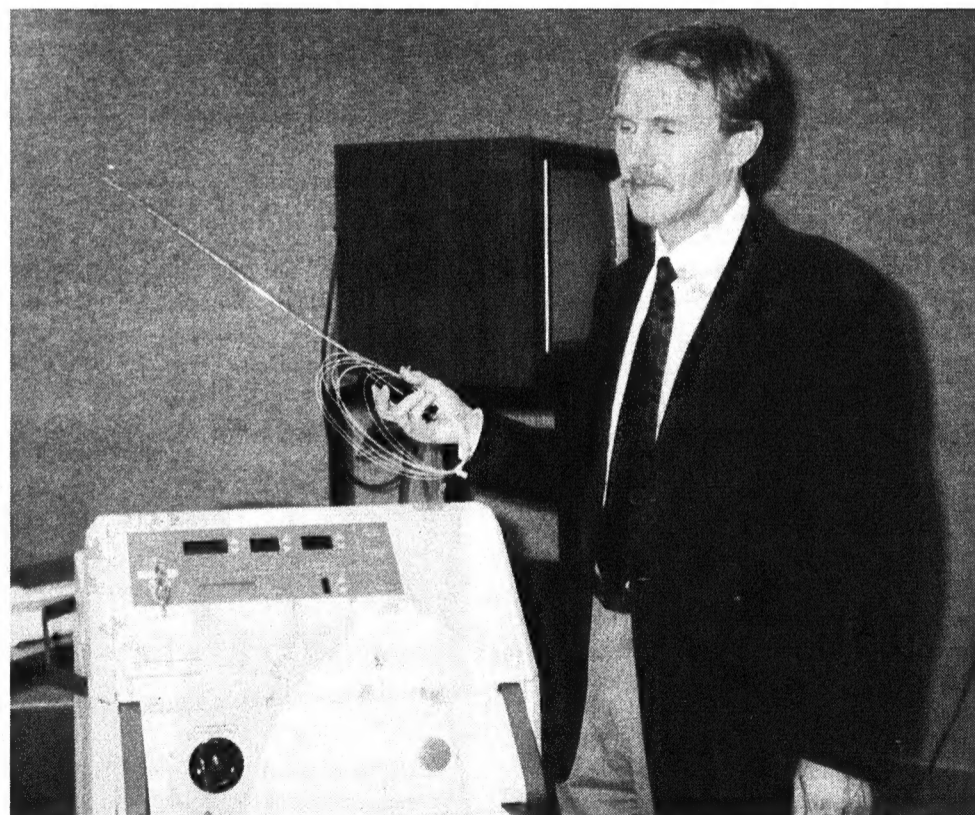
Calgary researchers are using the same laser to improve knee surgery.

The new laser was invented by John Tulip (Electrical Engineering) with financial support from both the University of Alberta and the Alberta Heritage Foundation for Medical Research (AHFMR). In 1989, Dr Tulip sold the invention to Carl Zeiss Inc, a German medical device company, which developed it for the world market. As part of a payback agreement for the initial research support, Zeiss gave both the University of Alberta and AHFMR two surgical lasers which are valued at approximately \$170,000 each. The University and AHFMR have, in turn, donated the four lasers for research use in Edmonton and Calgary.

"It is clear that the investment in world-class research at the University of Alberta has resulted in immeasurable benefits to Albertans," said Martha Piper, Vice-President (Research), at a recent media conference to announce the donation of the lasers.

Dr Tulip's invention, called the Opmilas 144 YAG laser, is a significant advance over other lasers. It is the first laser in the world with the capacity to both cut and coagulate blood. The laser is small enough to be used with a fiberoptic system in endoscopic surgery which means it can reach areas conventional surgery cannot. Since endoscopic surgery is performed without opening the patient, recovery time will be much shorter.

This could mean enormous savings of health care dollars. Ronald Moore (Surgery), one of the surgeons using the new laser, says that a conservative estimate of the potential savings each year in the province, based on



John Tulip, with the new surgical laser.

hospital stays alone for a routine trans-urethral resection of the prostate of which 3,000 are done annually in Alberta, is \$7.2 million.

Malcolm McPhee, head of Urological Surgery, says he first started working on an earlier type of laser with Dr Tulip in 1979. Dr McPhee is proud of the interdisciplinary nature of the U of A's laser research which brought together researchers in engineering, chemistry and several areas of medicine. He noted that over the years 14 medical residents in urology took an extra year of training in

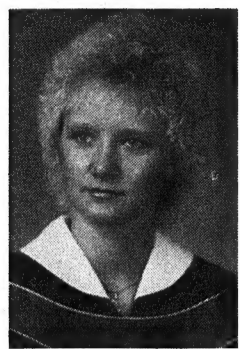
laser technology and "this exposure will make them better urologists."

The lasers will be used by researchers at the University of Alberta Hospitals, the Royal Alexandra Hospital, the Cross Cancer Institute, the Surgical Medical Research Institute, The University of Calgary and the Foothills Hospital. Eventually, the new technology may be used for a variety of clinical applications in general surgery, orthopedics, plastic surgery, gynecology, urology, pulmonary surgery and neurosurgery.

UNIVERSITY PROFESSOR NOMINATIONS TO BE INVITED IN 1996

Appointment as a University Professor is the highest recognition that can be bestowed by the University of Alberta on a member of the academic staff. In view of the very high prestige, distinction and special status of these appointments, the best interests of the University community will be served by holding a competition every third year. A review of the accomplishments of past recipients gives an indication of the prestige that we seek to maintain for this award. The Selection Committee will next consider nominations for the position of University Professor in the fall of 1996. Announcements inviting nominations will be made in the spring of 1996.

LAURELS



Rosanne Prinsen

■ Rosanne Prinsen, who successfully defended her MSc thesis last summer, is Canada's most outstanding young sport science researcher. The recognition comes in the form of the 1994 Canadian Academy of Sports Medicine's "Tom Paschby" award,

which is given annually at the Academy's scientific conference. Prinsen's work, titled "Position of the Cervical Vertebrae During Helmet Removal and Cervical Collar Application in Football and Hockey," was in open competition with graduate students (MSc, PhD) and medical researchers from across Canada. Her work was interdisciplinary in nature and involved the Departments of Physical Therapy, Radiology, and Physical Education and Sport Studies, and the Glen Sather Sports Medicine Clinic.

■ Dianne Kieren recently received a Service Award in Support of Alberta Families. The former Chair of the Division of Family Studies was honoured by the provincial government for being an advocate for family well-being in community, provincial and national groups. It was noted that Dr Kieren has inspired more than 1,000 students who have become nurses, teachers, counsellors and family service workers.

■ The Department of National Defence has presented LC Green, University Professor Emeritus, with a Certificate of Appreciation "in recognition of service to the Canadian Forces from 1972 to date."

■ "Finding Frankenstein: An Introduction to the University of Alberta Library System" won the bronze award (Training Programs category) at the International Television Association's (Canada) recent awards ceremony in Vancouver. The 20-minute video, produced for the Library by VICOM, Inc, introduces new students to the collections services of the Library.

Wanted: 'V' Watch volunteers

Are you concerned with safety on campus? Are you interested in making our community a better, more caring one? Do you want to learn more about the diverse challenges of security services?

Campus Security Services is looking for students, faculty and staff to take part in its volunteer "V" Watch program. "V" Watch volunteers will be responsible for answering phones, providing general information to callers, taking complaints, radio dispatch and monitoring the alarm services.

A minimum of four hours per week volunteer time is required, as is an interest in working with the public.

Please contact Susan MacGregor, Campus Security Services, at 492-2943, for more information, or apply directly to Doug Langevin, Director of Campus Security Services, 212 Education Carpark, by 1 May.

All applicants will require a Criminal Records Check from the Edmonton Police Services or RCMP.

The University of Alberta is committed to the principle of equity in employment. The University encourages applications from aboriginal persons, disabled persons, members of visible minorities and women.

Cartographer's map explores the Gulf of Mexico

JM Ellis Innovative Map of the Year award given to Ronald Eyton

By Michael Robb

Not many University of Alberta students will ever scuba dive in the Gulf of Mexico. And if they do, they likely won't be able to appreciate the entire landscape. Visibility, after all, is not the greatest.

However, University of Alberta students who want to see a sizeable portion of that underwater landscape need only gaze upon Geography Professor Ronald Eyton's computer screen.

Using a number of complex mapping techniques, a computer-based software program he's developed, and a number of data sources, such as satellite imaging, Dr Eyton has produced a map of the underwater topography as a monochrome map. The overall design objective was to portray that part of the world in a way map readers could view in the context of the shore.

Officials with the Canadian Institute of Geomatics were so impressed by the map that they chose it as the winner of the JM Ellis Innovative Map of the Year Award for 1993. The award is intended to recognize excellence in creative design in cartography and significant design advances in the field.

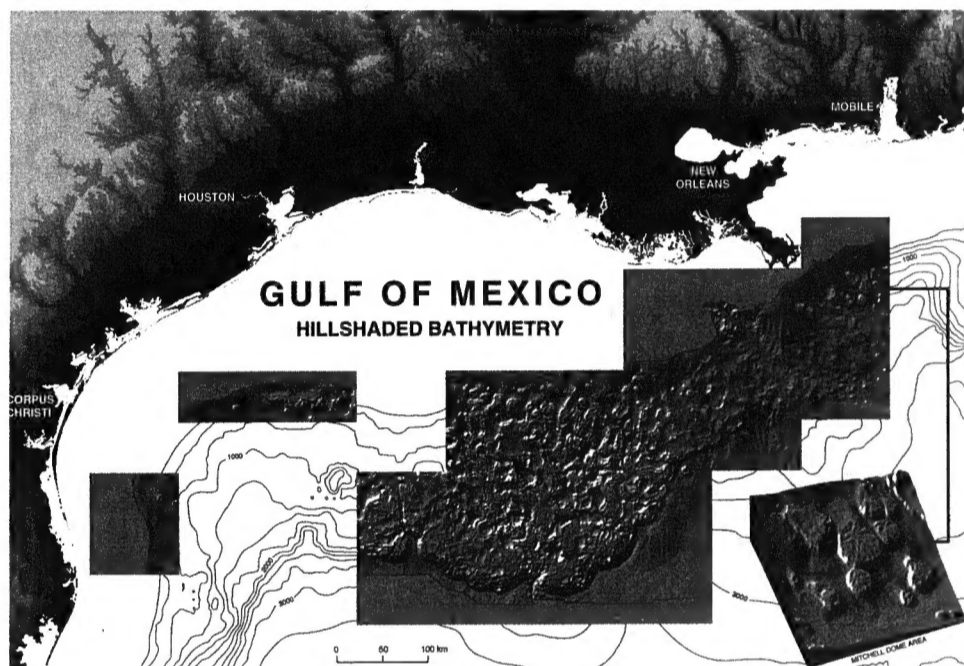
Dr Eyton believes that in order for people to more easily understand complex relationships between geographical landforms, they have to be able to see them on a grand scale.

"I like making maps," says Dr Eyton, who teaches digital cartography for the department. "Maps have considerable value, especially if you pay attention to who they're for."

The map of a portion of the underwater world of the Gulf of Mexico allows laypeople to get a feel for a unique environment and see it in relationship to the landforms. And

geomorphologists (people who study the physical features of the earth's surface and their relation to its geological structures) will find the map useful in visualizing the whole area.

Dr Eyton is using the same techniques and methods to produce a similar map of the entire province of Alberta. Both maps will serve as useful teaching tools, he says.



JM Ellis Innovative Map of the Year, 1993, produced by Geography Professor Ronald Eyton. The award will be presented at the Canadian Institute of Geomatics conference on 21 April, in Victoria.

'Magnificent masochism' rewarded

By Sandra Halme

Those who braved one of the harshest winters on record to faithfully, blissfully and without complaint attend early morning fitness classes were rewarded for their "magnificent masochism" recently with the coveted 10th Annual Frigid Icicle Award.

The Icicle Princess, HRH Supercold Carol, bestowed the Frigid Icicle upon 64 exercise, early bird buffs, including Wilf Allan,

Dorothy Burgess, Myer Horowitz, Ron Kratochvil, Dianne Kieren, Tom Kieren, Joan Munro and Peter Rolland. All Frigid Icicle Award winners showed commitment, dedication and enthusiasm toward their fitness classes when the temperature was -25° C or colder. Collectively they gave new meaning to the expression "cold hands, warm heart."



Big chill conquerors Becky McBurney, Norah Keating and Michael McBurney, left to right, foreground, are acclaimed by Icicle Princess Carol Hills.

LETTERS TO THE EDITOR

Door to foreign students' education must stay open

At age 12, Tuntufye Mwamwenda was an impoverished shepherd in a rural village in Tanzania. During successive years of drought, he was responsible for finding sufficient food and water for his family's meagre flock. Not unlike the other children in his village, barefoot and undernourished, Tuntufye had never been to school. What was his future?

Today, Dr Mwamwenda is Dean of the Faculty of Education at the University of Transkei in Southern Africa. He is currently being considered for the position of president of that university. Professor Mwamwenda is one of the world's leading experts on African child development. His many research reports have been published in numerous international journals. The second edition of his textbook, *Educational Psychology in Africa*, is presently being published.

How did an impoverished, rural shepherd come to be an internationally-recognized academic? How did he acquire the skills, the knowledge and the position that would enable him to improve the development of an entire nation of children?

Like most of us, Tuntufye owes part of his success to the assistance of other people.

When Tuntufye was 12, some perceptive person had the foresight to see a future in that small, black, shepherd boy, and Tuntufye was sent to school. After he had completed grade school, he went to India, which, although a country with very limited resources, gave him the opportunity to complete his bachelor's degree. Later, he came to the University of Alberta, where he completed a doctorate in Educational Psychology.

Currently, Tuntufye and I are publishing a paper, "Education in Southern Africa: Current conditions and future direction", in the *International Review of Education*. We hope that this paper will have a major influence on the evolution of educational programs in that part of the world.

Educate one person like Tuntufye, and an entire nation of people stand to benefit. Benefit a nation, and the entire world community is improved. Fortunately, many years ago, someone had the foresight to see the potential in Tuntufye. And, as I mentioned, Tuntufye was not unlike the other children in his village - filled with potential.

Hopefully, someone will have the foresight to see that increasing the fees for foreign students at the University of Alberta to between \$12,000 and \$16,000 per year (as proposed in the Alberta Advanced Education white paper on postsecondary education) will not only prohibit people like Tuntufye from studying at the University of Alberta, but will also damage the world community of which you, Tuntufye and I are a part.

David Baine

Professor of Educational Psychology

Rape aggression defence course being offered

Layne Bjarnason certified to give instruction

By Michael Robb

This weekend, a group of women will learn how to defend themselves. They'll be part of a growing number of staff and students on campus who have decided to take the rape aggression defence course (RAD).

The 12-hour course is designed to develop and enhance the option of self-defence, so that it may become a more viable option to a woman who is attacked, says Campus Security Services Patrol Section Supervisor Layne Bjarnason, the first campus security officer in Canada to be certified to conduct the course.

The focus is on teaching women the skills to incapacitate the attacker and escape potentially dangerous situations, Bjarnason says. The Campus Security officer wears a protective suit and acts out the part of an attacker.

The course begins with a discussion about awareness, prevention, risk reduction and avoidance. About half of the course is devoted to teaching hands-on defence training. The system, developed in the United States, is being taught at many American colleges and universities.

Having learned about the course at a conference in Kentucky last August, Bjarnason went to Delaware in November to take the instructors' training course.

Residence Life Coordinator Tiffany Tsang took the course in December and arranged for a number of students to take it in February. "It was well worth it," she says. "It doesn't only deal with how to defend yourself, but it also deals with personal safety, awareness raising and confidence building. I've received extremely positive feedback from the students."

Tsang says the course will give participants the confidence to know what they're capable of doing in a potentially dangerous situation.

Although there is now a \$25 fee for the course, it will be offered free of charge in the future, Bjarnason says.

Building Services

Continued from page 1

called his office felt Building Services could have achieved greater efficiency and savings without disrupting their lives. "All 11 respondents told me without solicitation that they would prefer not to work at night," said Trehearne.

The changes also affect some full-time custodial staff. In one case, a husband and wife who worked alternate shifts would have worked the same shift, creating child care problems. "We've been able to accommodate them," said Moodie. "We try to accommodate individual issues."

Japan Foundation a friend indeed

The Department of East Asian Studies and the University of Alberta Library were recently on the receiving end of yet another donation of books by the Japan Foundation.

In a presentation in the Senate Chamber, Mr Toshikazu Kato, Consul-General of Japan, turned over to the department 86 volumes of Japanese language teaching materials (text-books and audiotapes). The Foundation's gift to the Library consisted of 56 volumes on classical and modern Japanese literature, women's literature, psycholinguistics, Japanese language and linguistics, and general reference books, as well as economics reports and financial data of industries for the Faculty of Business.

All told, the donation is valued at nearly \$6,000.

Since 1979, the University has received more than \$54,000 worth of books and Japanese language teaching materials in 2,143 volumes from the Japan Foundation.



Ernie Ingles, Chief Librarian; Mr E Yamada, Consul; Mr Toshikazu Kato, Consul-General of Japan; Margaret Van de Pitte, Acting Dean of Arts; and Richard Lynn, Chair of East Asian Studies, left to right, examine a portion of the donation.

TALKS

ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

22 April, 3:30 pm

Brendan Cormack, Department of Microbiology and Immunology, Stanford University, "The TATA-Binding Protein: A Genetic Analysis of Transcription Initiation in Yeast." Presented by Genetics. M-149 Biological Sciences Centre.

27 April, 4 pm

Dennis R Voelker, associate faculty member, Department of Medicine, National Jewish Center for Immunology and Respiratory Medicine, Denver, "Phosphatidylserine Decarboxylase Biochemical and Genetic Key Lipid Transport." Presented by Anatomy and Cell Biology. 2-07 Heritage Medical Research Centre.

CHEMISTRY

20 April, 11 am

Jonathan Ellman, Department of Chemistry, University of California at Berkeley, "Combinatorial Synthesis and Screening of Libraries of Therapeutically Important Organic Compounds." Sponsor: Alberta Heritage Foundation for Medical Research. E3-25 Chemistry Building.

EXTENSION AND UNIVERSITY TEACHING SERVICES

22 April, 12:30 pm

Terry Anderson, Alberta Distance Education and Training Association, "Doing Things Differently: A Realistic Vision of University Teaching and Learning Using Alternative

Technologies and Methods." 2-42 University Extension Centre.

FOREST SCIENCE

25 April, 3 pm

Lisa Tracy, co-director - Siberian Forests Protection Project, Pacific Environment and Resources Center, Sausalito, California, "Challenges and Opportunities in the Siberian Taiga: Environmental Problems of Siberian Forest Management and the Ecoforestry Alternative." Myer Horowitz Theatre.

MEDICAL MICROBIOLOGY AND INFECTIOUS DISEASES

26 April, 4 pm

Robert P Rennie, "Invasive Infection by Candida: The Stealth Pathogen." 2F1.04 Mackenzie Health Sciences Centre.

PERINATAL RESEARCH CENTRE

19 April, noon

Brian Koos, professor, Department of Obstetrics and Gynaecology, UCLA School of Medicine, "Adenosine and Fetal Responses to Hypoxia." 2J4.02 Mackenzie Health Sciences Centre.

26 April, noon

Peter Olley, "The Enigmatic Ductus." 2J4.02 Mackenzie Health Sciences Centre.

PHARMACY AND PHARMACEUTICAL SCIENCES

21 April, 3 pm

Vincent Lee, Gavin S Herbert Professor and Chairman, Department of Pharmaceutical

Sciences, School of Pharmacy of the University of Southern California, Los Angeles, "Peptide Transport Mechanisms in the Intestine and Airways." Sponsor: Alberta Heritage Foundation for Medical Research. 2031 Dentistry-Pharmacy Centre.

28 April, 3 pm

Robert A Blouin, Division of Pharmacology and Experimental Therapeutics, College of Pharmacy, University of Kentucky, "Cytochrome P450 Enzymes: Mechanism of Phenobarbital Induction." Sponsor: Alberta Heritage Foundation for Medical Research. 2031 Dentistry-Pharmacy Centre.

PHYSICS

15 April, 2 pm

Eric Poisson, California Institute of Technology, Pasadena, "Gravitational Radiation: From Arecibo to LIGO." V-129 V-Wing.

PLANT SCIENCE

18 April, 1 pm

Wilf Keller, principal research officer, Plant Biotechnology Institute, National Research Council, Saskatoon, "Use of Genetic Engineering for the Improvement of Brassica Species." 1-06 Agriculture-Forestry Centre.

SOCIETY OF EDMONTON DEMOGRAPHERS


27 April, noon

Harvey Krahn, "The Changing Canadian Labour Market." Wild Rose or Wood Buffalo Room, Canada Place, 9700 Jasper Avenue.

SOCIOLOGY

20 April, noon

Nanci Langford, "Childbirth on the Canadian Prairies, 1880-1930." 5-15 Tory Building.

 This symbol denotes environmentally-related seminars and events. If you wish to have an environmentally-related event listed in this manner, please contact: The Environmental Research and Studies Centre, 492-6659.

TRLabs welcomes University of Regina to research fold

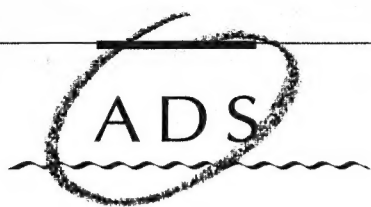
TRLabs' network expanded recently when the University of Regina joined the western Canadian alignment of laboratories and researchers in the telecommunications field.

As with the University of Alberta and other sponsoring universities, University of Regina professors and graduate students will have opportunities to participate in research

projects which address challenges in knowledge-based information systems as well as image compression and transmission.

TRLabs, founded in 1986 and with headquarters in Edmonton, conducts research on network access and systems, fibre optics and photonics, data networking, and wireless communications. The firm operates laborato-

ries in Edmonton, Calgary, Regina, Saskatoon and Winnipeg. Its sponsor members include a number of high-tech and telecommunications companies; the Universities of Alberta, Calgary, Manitoba, Regina and Saskatchewan; and the Governments of Canada, Alberta, Manitoba and Saskatchewan.



ACCOMMODATIONS FOR RENT

MICHENER PARK - Two bedroom rowhouses and apartments for rent in University residence located in southwest Edmonton. Excellent bus service to University, utilities included. University enquiries welcome, 492-7044.

OTTEWELL, renovated two storey, four bedroom with delightful sunroom off living room. Formal dining room. Yard has fruit trees, large deck. Partially or furnished (negotiable). \$950. Western Relocation, 434-4629.

LESSARD, renovated townhouse. Students or professionals will enjoy proximity to amenities. Two bedrooms plus den. Rental incentives available. Western Relocation, 434-4629.

GRANT MACEWAN students or professionals call to view this delightful new townhouse condo. Jacuzzi, underground parking, appliances. Western Relocation Services, 434-4629.

LEMARCHAND, high style, executive condo. Two bedrooms plus den, furnished. August 1994 - August 1995. \$1,500/month. Western Relocation, 434-4629.

MAY - JULY, fully furnished three bedroom house 1 km south of University. New hardwood floors, totally new kitchen, garden. \$750/month. 492-5731, 438-7886.

RIVERBEND, executive four bedroom, two storey home. Appliances available. 1 May. Up to two-year lease negotiable. Khalida, 438-0621.

SEPTEMBER - JUNE 1995. Blue Quill, furnished, 1 1/2 storey, five bedrooms. Double garage, den, family/rec room, fireplace, six appliances. Close, elementary school, excellent bus service. Nonsmokers. Sabbatical. \$1,100 plus utilities. 988-9229, 492-4589. **OLD STRATHCONA**, three bedroom furnished (\$750) or two bedroom unfurnished (\$650). Both main floor suites. Hardwood floors, utilities included. Immediately. 434-6287.

CLOSE UNIVERSITY, large, three bedroom fourplex. 1 May. \$650. 436-1048.

LARGE, EXECUTIVE, four bedroom, four bathroom home. Near University, shopping, schools. Unfurnished, \$1,250 (all appliances included). Utilities extra. Nonsmokers, no

pets. Two/three year lease. Available 1 July. 492-5813, 434-3941.

SASKATCHEWAN DRIVE, condominium, sublet, 1 June - 30 August. Fully furnished, one bedroom, two baths and office. 15 minutes to University. \$700. References required. 439-9087 evenings.

GARNEAU - four bedrooms, 2 1/2 bathrooms, five appliances, developed basement in a fully renovated character home. Minutes from University and Old Strathcona. Available 1 May for up to 2 1/2 year lease. \$1,700/month plus utilities. 439-5939.

SEASONAL RENT - Cottage in Eagle Bay, B.C. on shore of Shuswap Lake. Sleeps five. Nonsmokers, no pets. \$600/week, \$50 extra with hot tub. 458-2225.

WALK TO UNIVERSITY, 1 May. Four bedroom house, four appliances, \$1,100/month. 487-1862.

VANCOUVER is one hour from this furnished, four bedroom, modern house on Bowen Island. Water view, beach access, five appliances, fireplace. Late August or September through June. Nonsmokers, no pets. \$950 monthly. 439-0233.

WINDSOR PARK, two bedroom bungalow, quiet, well-treed lot. \$900 plus utilities. John, 492-0353, Joan, 438-5022.

BLUE QUILL executive, five bedroom, double garage, six appliances. 1 May. \$1,100. 430-6767 after 6 pm.

GOLDBAR, fully furnished, two bedroom. Recently renovated, library, music area, quiet. Fifteen minutes University. No pets, nonsmokers, utilities prepaid. References. August 1994 - August 1995. \$1,000. 496-1116, 469-8525.

EXCELSIOR LOFTS. Underground parking, 1,300', five appliances, air-conditioned, fireplace. \$1,100/month. 430-7168 after 6 pm.

DELUXE, fully furnished, one bedroom condo. 18th floor river view, pool, sauna, adjacent to campus. Available May. 492-3633, 433-4136.

BACHELOR SUITE, balcony overlooking river valley. Centrally located. Available 1 May - 5 September. Nonsmokers, furnished, \$360/month, power extra. 428-6246.

WONDERFUL, OREGON COAST hideaway for two. Charming lakefront home available 1 September 1994 - 1 May/1 June 1995. \$650 (U.S.) 435-4388.

TO SHARE, townhouse, walk to University, big bedroom, \$325. 431-0685, 424-5060.

CLOSE UNIVERSITY, newer house. Executive 1,200' two bedroom, two bathroom, unfurnished. Garage. \$650, utilities included. 1 July. Up to two-year lease. 433-6730.

SABBATICAL HOUSE - August - May/June/July 1995 (flexible). Three bedrooms, \$750, pets okay. 15-20 minutes bus to campus. 465-3740, 453-8673.

SABBATICAL, August 1994 - July 1995. New, furnished, three bedroom house. Nonsmokers, no pets. \$900/month plus utilities. 492-0372, 481-8186.

TWO BEDROOM, main level suite in house. Very quiet, renovated, suitable for professional. Walk to University. Single \$400, double \$500 monthly. Georgina, 433-1479.

ACCOMMODATIONS FOR SALE

VICTORIA PROPERTIES - Knowledgeable, trustworthy realtor with Edmonton references will answer all queries, send information, no cost/obligation. "Hassle-free" property management provided. (604) 595-3200, Lois Dutton, Re/Max ports west, Victoria, B.C.

VANCOUVER ISLAND - Parksville, Qualicum, NanOOSE and areas. Experienced realtor: prompt replies to enquiries. John Richardson, Sutton Group Whitecap Realty, Box 596, Parksville, B.C. V9P 2G6. (604) 248-8801 phone, (604) 248-8084 fax.

OTTEWELL - Ten minutes/University. Executive, large, four level split, three bedrooms up, one down. Family room, study, sunken living room, fireplace, vaulted ceilings, window coverings, upgraded kitchen/bath, Jennair stove, frost-free fridge, dishwasher, garburator, air-conditioned. Large yard, double garage/opener. \$170,000. 466-4342.

ATTRACTIVE, English-style, two storey house. Three bedrooms, dining room, living room, family room, 2 1/2 baths, large lot, double garage. Located in a quiet cul-de-sac in Woodvale. Asking \$137,500. Philip Raworth, 492-5345, 468-4998.

OLD STRATHCONA, two storey, 1,900' unique three bedroom, and three in finished basement. Nicely renovated. Ron, Metro City, 439-3300.

OLD RIVERBEND, great location. Four bedroom, two storey, family home. Family room, fireplace, 2 1/2 baths, deck, attached double garage, mature landscaping. \$199,900. 4724 139 Street. By owner. 436-4313.

SALE/OWNER - Ermineskin, immaculate, three plus two bedroom bungalow. Quiet neighbourhood, 2 1/2 baths, finished basement, big detached double garage. Minutes away from University and shopping centres. \$136,900. 434-7835.

ALL AMENITIES, luxury condominium for lease or sale. 9929 Saskatchewan Drive. Double parking stall. Available 7 May. For more information, call Florence, 435-0808 (work) or 436-6833.

PARKALLEN HOME. Four bedrooms plus spacious loft. Newer windows/furnace. Wonderful location on quiet street in this desirable neighbourhood. Kathy Schmidt, Spencer Realty, 483-7170.

VACANT OFFERS INVITED! 1,313' condo near legislature grounds, city centre. Two bedrooms, two baths. Ideal arrangement to share mortgage payment. \$111,800. Marjorie King, Spencer Realty, 435-0808, 435-0395.

SPACIOUS, ONE BEDROOM, 1,120' highrise condominium. 16th floor, overlooking University. Excellent building, all amenities, large, secure reserve fund. Two blocks to LRT. Excellent financing available. Asking \$117,500. Further details, viewing, please call 433-0559.

ACCOMMODATIONS WANTED

VISITING SCHOLAR from Nebraska teaching in Intercession seeks housing for family of four from 3 to 23 July. Please contact Dr Sue Scott at 492-0551.

GRANDE PRAIRIE Regional College instructor requires furnished accommodation for Spring and Summer Session. Will housesit or sublet. 532-5960 after 6 pm.

NONSMOKING COUPLE in 50's need furnished accommodation September and October 1994. Housesit or reasonable rent? 435-4388.

EVENTS

EXHIBITIONS

FAB GALLERY

17 April

"Lasting Impressions 1994" - the third in a series of exhibitions showcasing work by staff and students of Art and Design's internationally recognized Printmaking Studio. Gallery hours: Tuesday to Friday, 10 am to 5 pm; Sunday, 2 to 5 pm; Saturday, Monday and statutory holidays, closed. 1-1 Fine Arts Building.

McMULLEN GALLERY

Until 1 May

"Once Upon a Time" - a juried exhibition of work by members of the Edmonton branch

of the Alberta Society of Artists. Gallery hours: Monday to Friday, 10 am to 4 pm; Saturday and Sunday, 1 to 4 pm. Information: 492-8428 or 492-4211. Mackenzie Health Sciences Centre.

MUSIC

DEPARTMENT OF MUSIC

17 April, 8 pm

Master of Music Recital - Kathleen Neudorf, soprano. Convocation Hall.

19 April, 8 pm

Doctor of Music Recital - Roger Admiral, piano. Convocation Hall.

25 April, 8 pm

Doctor of Music Recital - Joachim Segger, piano. Convocation Hall.



RESEARCH POSITION

An immediate opening exists within the Molecular Oncology Program at the Cross Cancer Institute for a Research Associate (Ph.D.) or Technologist (B.Sc. or M.Sc.) to participate in ongoing research involving the cloning of human disease genes.

The successful applicant will have a degree in molecular genetics/biochemistry with demonstrated competence in cDNA library construction, Northern and Southern analyses, PCR techniques and DNA sequencing. Individuals with an interest in mammalian DNA repair mechanisms, signal transduction pathways or molecular genetics of human disease are encouraged to apply.

This is a term position funded to March 31, 1996, with the possibility of annual renewal.

In keeping with Canadian immigration requirements, this advertisement is directed toward Canadian citizens and permanent residents; however, others are encouraged to apply.

Please send your curriculum vitae along with three references to:

Malcolm C. Paterson
Molecular Oncology Program
Cross Cancer Institute
11560 University Avenue
Edmonton, Alberta, T6G 1Z2

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MISCELLANEOUS

CASH PAID for quality books.
The Edmonton Book Store. 433-1781.

STORAGE ROOMS - Indoor, secure. Affordable Mini Storage, 424-6464.

CRICKET ANYONE? Edmonton Cricket Club, established 1882, welcomes a wide range of abilities. Contact Mike Andrews, 459-6346, Dick d'Alquen, 492-0301.

SECURITY SYSTEMS - personal, vehicle and home alarms. Portable systems that work on volumetric air pressure. Competitively priced. Contact Jamie MacDonald or Joyce Schafers at 988-3923.

DRIVING CAR TO TORONTO mid-June. Grad student, room for two, share gas. Phone Richard, 432-7513.

First Summer Institute for Demographic Analysis

June 27 - June 29, 1994

The Summer Institute for Demographic Analysis provides an ideal opportunity for both students and practitioners in demography and allied disciplines to develop and upgrade quantitative skills in demographic methodology. The three-day program offers a balanced presentation of both basic and selected advanced techniques of population analysis. The program assumes that registrants have some background in the field of population or related disciplines, will consist of morning lectures followed by afternoon labs emphasizing hands-on computing applications. A number of computer programs will be supplied to each participant for application to worked-out problems in the labs. For further information, please contact Fran Russell (Population Research Lab, Sociology, Ph. 492-4659).

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The Fourteenth Summer Institute on Quantitative Analysis of Social Data

June 13 - June 24, 1994

From June 13 - June 24, the Summer Institute will be offered for the fourteenth consecutive year. This two week session presents an ideal opportunity to develop and upgrade statistical and computing skills needed to analyze social data. A balanced presentation of statistical instruction and computing applications, providing hands-on experience with statistical software, is offered. Attention is given to a broad range of social research issues, allowing discussion with instructors experienced in data analysis. No previous experience with microcomputers or statistical software is required. For further information, please contact Fran Russell (Population Research Lab, Sociology, Ph. 492-4659).



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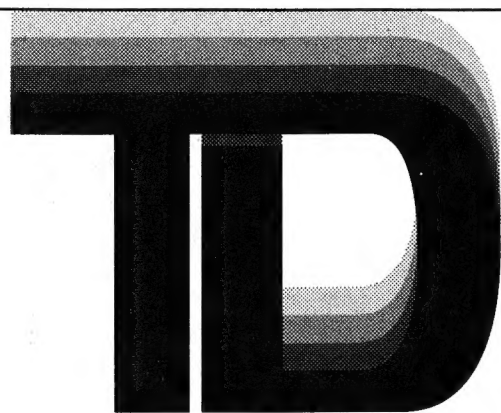
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